PRESIDENT'S MESSAGE

Greetings! Aren't those new software price reductions great!
TI again is making an effort to show us out here in TI land
that they care. I hope that all of you can take advantage of
these price conversions and show TI that we care too.

Well Snuggies, it is confirmed! Regena will be the guest
speaker at our October 10, 1983 meeting. What more can I
say, other than she will be bringing copies of her new book.
For those of you who haven't seen it yet, it's excellent.
For those of you who haven't purchased it yet, here's a
chance to get a personally autographed copy, so... get into
the cookie jar and be ready for the 10th!

I understand a few of you have questions concerning general
problems that you have experienced with your system, fear not,
I intend to get over to the Exchange Center in Phoenix around
the end of the month to meet with their staff and I feel pretty
confident that I will be able to obtain most of the answers.
Bring your questions to the next meeting and the ones I don't
recap in the next newsletter will be answered personally. One
after thought before I go, Computer Magic is sponsoring an
informal reception for Regena after the October 10, 1983
meeting for members only. Need I say more? Well, until then-
Happy Computing!

Mark

NEW PROMOTION

For those of you who are thinking about buying carpet, yes carpet,
TI has a great deal for you.

TI and the DuPont Fiber Company are working together to get new
carpet and a new computer into your home.

By purchasing 50 square yards of DuPont's Antron, Antron 3, Antron
Plus, or Antron Plus with Microbrush carpet from one of the local
retail carpet outlets, you'll also receive a FREE 99/4A and a
Home Budget Management Module. The average price of these carpets
range from $12.00 to $40.00 a square yard and I've been told that
this will cover a large living room and hall, or a small living
room, hall and bedroom. This promotion ends on the night of
October 8th and applies only to those customers who have actually
had the carpet installed or have taken it with them. Most of the
local retailers are participating so...if you need carpet, GO FOR
IT!

MEETING SUMMARIZATION
9-12-83

The meeting started at 6:45 p.m. with 30 in attendance. There was a door prize drawing at the end of the meeting and Colt Dodrill was the happy winner of two games, N Vaders and Battlestar, provided by Jerry Glaze.

Mark started the meeting off by announcing that TI has officially recognized us as a users' group and will be sending us a package every month to keep us abreast of what is going on. They have sent the group a disk containing five games to help us get our library started. There are three (3) extended basic programs and 2 basic. We will also be furnished two more disks containing 15 programs each very soon.

There are now 166 Users' Groups in the United States.

There have also been a few changes from TI. The new warranty policy covers anything for one year as opposed to the 90 day warranty.

TI HAS A NEW TOLL FREE NUMBER 1-800-TIC-ARES (TI Cares). Please note this for your records.

Effective on September 9, 1983, there were 38 software pieces discounted in price. A copy of the discounted software titles was sent to us. Anyone wishing to see this list should contact me at 452-1046 or any meeting and I will be happy to show it to you.

Andy gave an overview of our finances, and explained to the members that we are waiting for the IRS to furnish us with a number, upon receipt of such we would be opening our account at a local bank. Nevada National bank has agreed to open an account for S.N.U.G. with no monthly service charge, if we provide them with certain information, the number from IRS was one of those requirements. We appreciate your patience in our struggle to get things going.

Bill gave a breakdown on the applications that have been submitted so far with regard to interests, etc. The categories that seem to be holding the most interest at present are: education, entertainment and business.

Fil Juadines was on hand to give a description of Delphi. There is a one time fee of $50.00 ($40.00 for members) and you only pay for the actual time you use, as compared to the Source which has a monthly fee of $10.00 whether you use it or not. Thanks for the tip Fil. Anyone wishing to know more about Delphi should contact Fil for details. His phone number is452-7572.

Jerry Glaze gave a supberb demonstration on the musical capabilities of the 99/4A. There was alot of group participation during this meeting and I believe alot was learned. We sincerely appreciate Jerry's assistance in getting our group started. He's really an asset to the group. Thanks Jerry!

It was mentioned that we needed volunteers for the various committees in order to get things rolling and our thanks go out to John Martin, John Kirby, Fil Juadines, Dion Hinchcliffe, Jerry Glaze, Darren Rose, William Armstrong, and Andy Urban for so generously giving of their time for the library, education and membership committees.

See you at our next meeting on October 10th!

1ST QUARTER TREASURER'S REPORT
by Andy Urban

The Executive Committee is in the process of filing the groups'
Non-Profit tax exemption under Section 501(a) for Social Clubs.
Also, Nevada National Bank will give the group a free checking
account once we receive our exemption approval from the IRS.
We hope to have our exemption and checking account open within
a month. So please be patient-your dues are being held for
deposit.

In the meantime, the group has incurred various start-up expenses
which have been advanced by the group officers. Our total
expenses as of September 20, 1983 are as follows:

$ 30.00	Meeting Room Rental (July thru Dec.)
$ 10.00	Fictitious Name Filing
$ 144.00	Postage and Mailing
$ 6.00	Paper
$ 4.94	Office Supplies
$ 3.99	Mailing Labels
$ 9.55	Envelopes
$ 208.48	Total

Total Membership Dues Paid: $472.00

ESTIMATED MONTHLY EXPENSES

$18.00	Monthly newsletter
$ 5.00	General Group Mailing
$ 5.00	Purchase of Disks for Library
$ 5.00	Meeting Room Rental (after Dec. 1983)
$33.00	Total

NET ASSETS AFTER PAYMENT OF ADVANCED EXPENSES: $273.52

OCTOBER'S MEETING'S SPECIAL GUEST
by Jerry Glaze

INTERNATIONALLY FAMOUS REGENA, TI software author, contributing
editor for COMPUTE magazine, former contributing editor for the
99'ER magazine and TRS-80, COMMODORE VIC-20 and APPLE software
author, contributing editor for ENTHUSIAST 99 will speak,
demonstrate software, and hold a question/answer clinic.

REGENA has also authored two books on programming, which will
be available for purchase and autographing. This is an unique
and rare opportunity for SNUG members and a meeting you will
most definitely not want to miss!

Some of REGENA'S editorial works include "Fun & Games"-Programming
tips for writing games software, "Starting From Square One: Oh No!
Memory Full", "Training in Resistance: Electrical Engineering CAI"
"A Woman's View". Specializing in EDUCATIONAL SOFTWARE, REGENA
has many popular programs for the TI99/4A. They include: "Name
That Bone", "Homework Helper:Division", "Let's Learn Notes"(used
extensively by MCAT) "Typing Tutor-Typing for accuracy"."Civil
Engineering Fundamentals: Simple Beams", and more. For a full
detailed list of REGENA'S catalog of available software, call
SNUG'S Library Committee Chairman, Darren Rose at 458-4614.

There's lots more, but as A-Team's Mr. T says: "Jis Be There!"

PROGRAM ERROR

The CALL SOUND program tip in our September issue by Jerry Glaze
contained a typo! Line 110 should have read:

        110 CALL SOUND(-600,N,30,N,30,N,30,-4,0)   Sorry!

MEMBERSHIP COMMITTEE

Since our first meeting in July, we have received forty-five
membership applications. Out of these, we have thirty-one (31)
paid members and the committee is presently evaluating the
information and to assist us in planning future meeting programs,
we would like you to answer an additional questionairre. Please
return it at next month's meeting or mail it to:

                    S.N.U.G.
                 P.O. Box 4920
               Las Vegas, NV 89127

H-E-L-P

If S.N.U.G. is going to continue to present interesting and useful
topics at our monthly meetings, we need to obtain further informa-
tion on what members want to learn about each month. It's our hope
that this information will provide the basis for future programs at
our meetings. Please complete the following questions along with
your comments on how we have been doing at our October meeting

REMEMBER! Your input into planning our monthly meetings is one way
you can participate in your users' group.

1. Are you interested in learning more about the basic
mechanics of how programs are written and the procedures
for debugging?

_____

_____

2. Would you like to learn more about the built-in sub routines
and sub programs in TI Basic and Extended Basic

_____

3. Are you interested in seeing demonstrations and explanations
of member written programs

_____

4. Would you like to spend more time at our monthly meeting
generally discussing particular problems you are having
with your computer

_____

5. Would you like to learn more about graphics and how one
goes about creating the graphics portion of a program

_____

6. Would you like to see more demonstrations and lectures on
business oriented software; entertainment or home finance
Pick One _____

7. Would you like to see meetings devoted to discussing
different computer hardware that is available, its uses,
and how it operates (i.e. RS232C)

_____

Thanks for your input!

S.N.U.G. SOFTWARE SURVEY

Please complete and return the following to your local users' group representative. Indicate which programs you are willing to donate a copy of to our library in exchange for another. Also indicate which modules, copyrighted programs, etc. you are willing to loan to other members. Thank you for your support!

NAME:

ADDRESS:

PHONE:

BEST TIME TO CALL:

Reply to:
S.N.U.G.
P.C. Box 4920
Las Vegas, NV   89127

ITEM NAME	DONATE? (Y/N)	CHARACTERISTICS	SYSTEM REQUIREMENTS	DESCRIPTION	DATE AVAILABLE	LOAN? (Y/N)

A PROGRAMMING TIP
by JOHN MARTIN

If you like to write your own game programs, as I do, you may have noticed that the random number generator in the 99/4A is not very fast.

I have found a way of speeding up the process that in most cases will give suitable "random" numbers almost twice as fast.

By generating only one random number at the beginning of the program and performing a few simple mathematic functions on it, I am able to keep using the number over and over to generate "random" numbers throughout my programs.

Here is a sample program:

```
10 Z=RND :: INPUT X
20 Y=INT(Z*X)+1 :: PRINT Y;
30 Z=Z*X+1-Y :: GOTO 20
```

This program will generate random numbers between 1 and X.

There are some minor limitations to the usefulness of this process:

1. The value of X cannot be a multiple of 10
2. The gain in speed only seems to work in Extended Basic

Here is another program that will let you time and compare between this process and just using "RND" function:

```
100 CALL CLEAR :: RANDOMIZE
110 CALL SOUND(50,880,0)
120 FOR X=1 to 100
130 PRINT INT(RND*9)+1;
140 NEXT X
150 CALL SOUND(50,880,0)
160 PRINT "PRESS ANY KEY FOR COMPARISON"
170 CALL KEY(0,K,S) :: IF S=0 THEN 170
180 CALL SOUND(50,880,0)
190 Z=RND
200 FOR X=1 TO 100
210 Y=INT(Z*9)+1
220 PRINT Y;
230 Z=(Z*9)+1-Y
240 NEXT X
250 CALL SOUND(50,880,0)
260 END
```

Prints 100 random numbers between 1 and 9 using two methods.